

Case 302 : Narrative

Case Vehicle (A): 1999 Chevrolet	Vehicle (B): 1999 Ford
Type: K1500 Silverado LS, 4 x 4, 3-door pickup	Type: Contour SE, 4-door sedan
Driver: 48-year-old female	Driver: 16-year-old female
CDC: 11-FDEW-2, 10-LPAW-3	CDC: 02-RYAW-4, 12-LYES-1

SITUATION

1 It was dark, there were no streetlights, the weather was clear, and the two-lane asphalt roadways were dry and free of defects. 2 Case vehicle (A) was traveling south in the southbound lane at a driver-estimated speed of 89 kph (55 mph). 3 Vehicle (B) was stopped facing west in the westbound lane at the intersection of the two roads. The driver of vehicle (B), who was not familiar with this intersection, 4 reportedly did not see case vehicle (A) due to trees and bushes that were located on the northeast corner of the intersection, and pulled out into the intersection and 5 into the path of case vehicle (A). The driver of case vehicle (A) reportedly applied the brakes and steered slightly to the right, but the front of case vehicle (A) struck the right side of vehicle (B). 6 After the frontal impact, case vehicle (A) veered to the right, exited the southwest corner of the intersection, and 7 struck a utility pole with its left side. 8 Case vehicle (A) came to rest facing southwest with its left side against the utility pole. 9 Vehicle (B) veered to the left, exited the west edge of the road, sideswiped a wooden post with its left side 10, and came to rest facing southwest. Both vehicles were towed due to damage.

All four occupants of case vehicle (A) were transported to an area hospital with police-reported "C" injuries. The driver, right-front passenger, and left-rear passenger were treated and released, and the right-rear passenger declined medical treatment.

The right-front passenger of vehicle (B) was transported to a level-one trauma center and was hospitalized for eleven days. The driver and left-rear and right rear passengers of vehicle (B) were transported to an area hospital with police-reported "C" injuries. The

driver and left-rear passenger were treated and released, and the right-rear passenger declined treatment.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[11](#) [12](#) Damage to case vehicle (A) was moderate. [13](#) Direct damage from the frontal impact began at the right-front bumper corner and extended across the entire front bumper. The maximum crush was 28 cm, and it occurred at the center of the front bumper. [14](#) Direct damage from the side impact began at the rear of the left-front wheel well, and extended 88- cm rearward to the center of the left door and up into the roof siderail. [15](#) The maximum crush to the left side was 23 cm at the center of the left door.

[16](#) Damage to vehicle (B) was severe. Direct damage from the impact with case vehicle (A) began at the forward portion of the right-front wheel well and extended 200-cm rearward to the middle of the right-rear door. [17](#) The maximum crush was 53 cm and it occurred at the right-front door. [18](#) Damage from sideswiping the wooden post began at the rear of the left-front wheel well and extended 123-cm rearward. The maximum crush was 3 cm. The right wheelbase was decreased 19 cm, and the left wheelbase was increased 6 cm.

Using the WinSMASH crash-reconstruction program, and [19](#) [20](#) [21](#) crush profiles measured for case vehicle (A) and [22](#) [23](#) [24](#) vehicle (B), the following impact severities were calculated for the frontal impact:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	23 (14)	-21 (-13)	8 (5)
Vehicle (B)	delta V	36 (22)	-12 (-8)	-34 (-21)

Case vehicle (A) was equipped with a crash data recorder (CDR) that was downloaded for analysis. Data was recorded for 230 ms before power and recording capabilities were lost. The adjusted-algorithm longitudinal velocity change was -16.5 mph. This CDR does not record any pre-crash data.

Using the WinSMASH crash-reconstruction program, and a [25](#) [26](#) [27](#) crush profile measured for case vehicle (A), the following impact severity was calculated for the left-side impact:

		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	8 (5)	-5 (-3)	6 (4)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[28](#) [29](#) In the front, the bumper, the grille, the left headlight assembly, and the hood were crushed rearward. [30](#) [31](#) The hood latch was damaged and jammed closed but had been pried open by rescue personnel. [32](#) The left hood hinge was deflected to the right, [33](#) there was no damage to the right hood hinge, [34](#) and the rear edge of the hood was elevated, but it did not contact the windshield. [35](#) The windshield was cracked on the left side due to the impact with the utility pole, and [36](#) it was starred in the center due to internal contact by the rearview mirror.

[37](#) [38](#) On the left side, the fender, the door, and the roof siderail were displaced to the right from the impact with the utility pole. The left door was jammed closed and the left door window was broken out. [39](#) There was no other left-side damage, but the left wheelbase was increased 4 cm.

[40](#) [41](#) [42](#) On the right side, the fender and door were slightly buckled. There was no other right-side damage and no significant change to the right wheelbase.

[43](#) [44](#) There was no damage to the rear of the vehicle.

Interior

This vehicle was equipped with steering-wheel and passenger frontal-impact airbags, and [45](#) [46](#) [47](#) both deployed in the frontal crash. [48](#) There was blood or makeup on the center of the driver airbag fabric. There was no damage to the [49](#) [50](#) steering-wheel or [51](#) passenger airbag module covers. There was no damage to the [52](#) steering-wheel rim or [53](#) spokes, and no displacement of the steering-wheel column. [54](#) The left door panel and hardware were bowed inward, and the left door armrest was split open and intruded 11 cm into the driver area. [55](#) [56](#) The upper, mid, and lower portions of the left instrument panel were slightly bowed rearward and loosened due to lateral movement of the left-front door. [57](#) The parking brake release handle was scuffed and deflected forward. [58](#) The rearview mirror contacted and caused a spiderweb crack in the windshield and was knocked loose from its mount. [59](#) The glove compartment door was scuffed. [60](#) [61](#) [62](#) [63](#) [64](#) [65](#) [66](#) There was no other interior damage or measurable intrusions.

OCCUPANT KINEMATICS AND INJURIES

[67](#) The 5-ft, 0-in, 155-lb, 48-year-old female driver was **not** wearing the three-point belt, and [68](#) the frontal-impact airbag deployed. [69](#) There were no webbing imprints on the plastic belt guide located on the seatback, or [70](#) on the continuous loop to indicate belt use at the time of the crash, and the CDR recorded that the driver belt was unbuckled. The driver reportedly positioned the seat in a forward track position with the seatback relatively upright.

During the frontal impact, the driver moved forward relative to the vehicle interior into the airbag, [48](#) as evidenced by facial makeup on the airbag fabric. During the left-side impact, the driver moved to the left relative to the vehicle interior. She sustained cervical and lumbar strain, probably from impact forces. She sustained a contusion to the center of the abdomen, probably from contact with the deploying airbag. She sustained a laceration to the left leg, from the knee to the ankle, probably from contact with the parking-brake release lever and/or pedal, [57](#) as evidenced by scuff marks on these components. The 5-ft, 4-in, 185-lb, 41-year-old male right-front passenger was **not** wearing the three-point belt, and [71](#) the frontal-impact airbag deployed. [72](#) There were no webbing imprints on the plastic belt guide located on the seatback, or [73](#) on the continuous loop to indicate belt use at the time of the crash. He reportedly positioned the seat in a forward track position with the seatback relatively upright.

During the frontal impact, the right-front passenger moved forward relative to the vehicle interior into the airbag. During the left-side impact, he moved to the left relative to the vehicle interior. He sustained a sprained left knee, probably due to contact with the glove box. He sustained a contusion to the left leg, from the knee to ankle, probably due to contact with the glove box and heater duct, [59](#) as evidenced by scuff marks on these components.

[74](#) The 5-ft, 4-in, 180-lb, 15-year-old female left-rear passenger was **not** wearing the three-point belt. [75](#) There were no webbing imprints on the plastic D-ring or [76](#) continuous loop to indicate belt use at the time of the crash. During the frontal impact, the left-rear passenger moved forward relative to the vehicle interior into the driver seatback. During the left-side impact, she moved to the left relative to the vehicle interior. She sustained a sprained right wrist, probably due to bracing her hand on the driver seatback during the frontal impact, or possibly due to contact by the right-rear passenger during the left-side impact.

[77](#) The 5-ft, 8-in, 240-lb, 14-year-old male right-rear passenger was **not** wearing the three-point belt. [78](#) There were no webbing imprints on the plastic D-ring or [79](#) continuous loop

to indicate belt use at the time of the crash. During the frontal impact, the right-rear passenger moved forward relative to the vehicle interior into the right-front seatback. During the left-side impact, he moved to the left relative to the vehicle interior. This occupant reported that he did not sustain any injuries.

The following tables and attached drawings [80](#) [81](#) [82](#) [83](#) summarize the injuries for the four occupants of case vehicle (A).

Occupant: Driver	Age: 48 years	Gender: Female		
Restraints: 3-point belt not worn; frontal-impact airbag deployed	Stature: 152 cm (5 ft, 0 in)	Mass: 70 kg (155 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Cervical strain	1	—	Impact forces	—
Lumbar strain	1	—	Impact forces	—
Contusion, center abdomen	1	—	Airbag	—
Laceration, left leg, knee to ankle	1	—	Parking brake release lever and pedal	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	3	—	—	—

Occupant: Right front	Age: 41 years	Gender: Male		
Restraints: 3-point belt not worn; frontal-impact airbag deployed	Stature: 163 cm (5 ft, 4 in)	Mass: 84 kg (185 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Sprain, left knee	2	—	Glove box door	—
Contusion, lateral aspect of left leg, from knee to ankle	1	—	Glove box door	Heater duct
Maximum A.I.S. Level	2	—	—	—
Injury Severity Score	5	—	—	—

Occupant: Left rear	Age: 15 years	Gender: Female		
Restraints: 3-point belt <i>not</i> worn	Stature: 163 cm (5 ft, 4 in)	Mass: 82 kg (180 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Sprain, right wrist	1	—	Driver seatback(bracing)	Right-rear passenger
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	1	—	—	—

Occupant: Right rear	Age: 14 years	Gender: Male		
Restraints: 3-point belt <i>not</i> worn	Stature: 173 cm (5 ft, 8 in)	Mass: 109 kg (240 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
No injury	—	—	—	—
Maximum A.I.S. Level	0	—	—	—
Injury Severity Score	0	—	—	—

CASE NO.: 302-01

CASE VEHICLE: 1998 Chevrolet

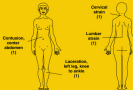
TYPE: 4 door (Chevrolet 1/2, 4 x 4, 4-door pickup)

OCCUPANT: Driver, 38-year-old female

STATURE: 652 cm (5'8, 8 in) MASS: 76 kg (168 lb)

RESEATBELT: 3-point belt, pretension, thoracic impact airbag deployed

SEVENTH: MASS: 1 : 165 : 2



CASE NO.: 2003-07

CASE VEHICLE: 1998 Chevrolet

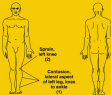
TYPE: K1300 Silverado LB, 4 x 4, 3-door pickup

OCCUPANT: Right front, 41-year-old male

STATURE: 183 cm (5 ft. 4 in.) MASS: 84 kg (185 lb)

RESTRAINTS: 3-point belt, seat worn, frontal impact
air bag deployed

SEVERITY: MAIS - 2 : ISS - 6



CASE NO.: 100-01

CASE VEHICLE: 1999 Chevrolet

TYPE: K1000 Silverado LIL, 8 x 8, 2-door pickup

OCCUPANT: Left rear: 15-year-old female

STATURE: 163 cm (5 ft 4 in) MASS: 62 kg (136 lb)

RESTRAINTS: 3-point belt not worn

SEVERITY: MAIS - 1 L100 - 1



CASE NO.: EBH-2543-21

CASE VEHICLE: 1999 Chevrolet

TYPE: K1500 Silverado L.S., 4 x 4, 3-door pickup

OCCUPANT: Right rear: 16-year-old male

STATURE: 173 cm (5' 8" h) MALE: 189 kg (416 lb)

RESTRAINTS: 3-point seat belt worn

SEVERITY: MAIS - 0 ISS - 0



No Injury



Case No.: 1805-01

Case Veh. (P): 1999 Chevrolet

Type: \$1600 Silverado L15, 4 x 4, 3 door pickup

Driver: 48-year-old female

Veh. (D): 1999 Ford Contour SE, 4-door sedan

Light Conditions: Dark - unlighted

Weather: Clear

Road Surface: Dry

Road Construction: Asphalt



Vehicle Report

General

Conditions

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	2	Rural	more
V207 — Limited Access Highway	0	No	more
V208 — Road Total Lanes	2	2 lanes	more
V209 — Intersecting Road Total Lanes	2	2 lanes	more
V210 — Road Surface Type	1	Asphalt	more
V211 — Road Defects	0	No	more
V212 — Construction Zone	0	No	more
V213 — Road Alignment Vertical Plane	1	Level	more
V214 — Road Alignment Horizontal Plane	1	Straight	more
V215 — Surface Covering	10	Dry	more
V216 — Visibility Limitation	0	None	more
V217 — Visibility Obstruction	0	None	more
V218 — Speed Limit	5	80-85 km/h .. 50 mph	more
V219 — Precipitation Type	0	None	more
V220 — Precipitation Rate	8	Not applicable	more
V221 — Temperature	9	Unknown	more
V222 — Crosswind	9	Unknown	more
V223 — Light Conditions	5	Dark, unlighted	more
V224 — Mechanical Malfunction Mention	0	No	more
V225 — Case Vehicle and Object	1	Yes	more
V226 — Case Vehicle Rollover	0	No	more

V227 — Case Vehicle Ran Off Roadway	0	No	more
V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	more
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	more
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	more
V231 — Total Vehicles Hit By Case Vehicle	1	1 vehicle	more
V232 — Any Fire in Crash	0	No	more
V233 — Max Police Severity-PAR	3	A - Incapacitating Injury	more
V234 — Driver Alcohol Involvement	0	Had not been drinking	more
V235 — Driver Alcohol BAC	80	Not tested	more
V236 — Driver Impairment Mention	0	No	more
V237 — Driven/Towed From Scene	2	Towed Due to Damage	more

Other Vehicle

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	1FAFP6630XK2	—	—
V302 — Other Vehicle Manufacturer/Body Code	12128	—	—
V303 — Other Vehicle Manufacturer	121	Ford	more
V304 — Other Vehicle Body Code	28	Intermediate 105-109.9 in. wb.	more
V305 — Other Vehicle Make/Model	0208	Contour	more
V306 — Other Vehicle Model Year	1999	—	—
V307 — Other Vehicle Mass	001337 kg	—	—
V308 — Other Vehicle Number	2	Vehicle #2	more
V309 — Other Vehicle Number of Occupants	04	—	—
V310 — Other Vehicle Traveling Speed	995	Just starting up	more
V311 — Highest Police Injury Severity	3	A - Incapacitating Injury	more
V312 — Other Vehicle Type	28	Intermediate 105-109.9 in. wb.	more
V313 — Other Vehicle Wheelbase (cm)	270 cm	—	—
V314 — Average Track Width	150 cm	—	—
V315 — Overall Length	469 cm	—	—
V316 — Overall Width (OAW)	176 cm	—	—
V317 — Front Overhang (FOH)	095 cm	—	—
V318 — Rear Overhang (ROH)	104 cm	—	—
V319 — Undeformed End Width (UEW)	146 cm	—	—
V320 — Engine Displacement	2.0 l	—	—
V321 — Engine: Number of Cylinders	04	—	—
V322 — Direct Damage Length (DDL)	999	Unknown	more
V323 — Front-End Overlap % (FEO)	99	Missing or Not applicable	more
V324 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	more

Case Vehicle

General

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	2GCEK19T8X12	—	—
V402 — Manufacturer/Body Code	21312	—	—
V403 — Vehicle Manufacturer	213	Chevrolet	more
V404 — Vehicle Body Code	12	—	—
V405 — Make/Model Code	2902	Fleetside, Stepside, 1500, C/10	more
V406 — Model Year	1999	—	—
V407 — Vehicle Mass	002152 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	04	—	—
V410 — Traveling Speed	089 kph	—	—
V411 — Body Type	33	Pickup truck (large)	more
V412 — Stolen Vehicle	8	Not currently collected	more
V413 — Body Structure	1	Body and frame	more
V414 — Transmission Type	1	Automatic	more
V415 — Transmission Lever Location	3	Column	more
V416 — Steering	1	Power	more
V417 — Brakes	1	Power	more
V418 — Brake Type	3	Disc - all wheels	more
V419 — Brake Anti-lock Device	2	Four-wheel	more
V420 — Air Conditioning in Vehicle	8	Not currently collected	more
V421 — Drive Type	3	Four wheel	more
V422 — Dual Rear Wheels	0	No	more

V423 — Original Restraint System Type	3	Airbag	more
V424 — Equipped With Roll Bar	0	No	more
V425 — Roof Type	1	Solid	more
V426 — Wheelbase	364 cm	—	—
V427 — Anti-lacerative Glass	0	None	more
V428 — Average Track Width	167 cm	—	—
V429 — Overall Length	565 cm	—	—
V430 — Overall Width (OAW)	199 cm	—	—
V431 — Front Overhang	094 cm	—	—
V432 — Rear Overhang	107 cm	—	—
V433 — Undeformed End Width (UEW)	180 cm	—	—
V434 — Engine Displacement	5.3 <i>l</i>	—	—
V435 — Engine: Number of Cylinders	08	—	—
V436 — Direct Damage Length (DDL)	180 cm	—	—
V437 — Front End Overlap % (FEO)	98	98% or more	more
V438 — Vehicle Overlap % (VOL)	98	98% or more	more

Case Vehicle

Damage

Description

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	028 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	more
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	more
V504 — Maximum Crush - Left Side	023 cm	—	—
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	more
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	more
V507 — Are Events In Chronological Order	1	Yes	more
V508 — Event 1 Impact Location	1	On Roadway	more
V509 — Event 1 Impact Configuration	13	FRONT of case veh - SIDE of contacted Vehicle	more
V510 — Event 1 Object/Vehicle Contacted	28	Intermediate 105-109.9 in. wb.	more
V511 — Event 2 Impact Location	3	On Roadside	more
V512 — Event 2 Impact Configuration	27	LEFT of case veh - object	more
V513 — Event 2 Object/Vehicle Contacted	77	Sign post, utility pole, tree	more
V514 — Event 3 Impact Location	8	No 3rd event	more
V515 — Event 3 Impact Configuration	88	No 3rd event	more
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V517 — Event 4 Impact Location	8	No 4th event	more
V518 — Event 4 Impact Configuration	88	No 4th event	more
V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V520 — Event 5 Impact Location	8	No 5th event	more
V521 — Event 5 Impact Configuration	88	No 5th event	more
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V523 — Event 6 Impact Location	8	No 6th event	more

V524 — Event 6 Impact Configuration	88	No 6th event	more
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V526 — Event 7 Impact On Road	8	No 7th event	more
V527 — Event 7 Impact Configuration	88	No 7th event	more
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V529 — Primary CDC Case Vehicle -event Number	1	Event 1	more
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	more
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	more
V532 — Primary CDC Case Vehicle -crush	028	—	—
V533 — Primary CDC Case Vehicle -clock #1	11	11 o'clock	more
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	more
V535 — Primary CDC Case Vehicle letter 2 #1	04	D - Distributed (Side or End)	more
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	more
V537 — Primary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	more
V538 — Primary CDC Case Vehicle Extent #1	02	Extent 2	more
V539 — Primary CDC Case Vehicle -CDC #1	11FDE W2	—	—
V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	999	Unknown	more
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	more
V549 — Primary CDC Contacted Vehicle -crush	053	—	—
V550 — Primary CDC Contacted Vehicle -clock #1	02	2 o'clock	more
V551 — Primary CDC Contacted Vehicle letter 1 #1	18	R - Right Side	more

V552 — Primary CDC Contacted Vehicle letter 2 #1	25	Y - Side or end (F + P or L + C)	more
V553 — Primary CDC Contacted Vehicle letter 3 #1	01	A - All or Top of vehicle to bottom of vehicle exclusive of	more
V554 — Primary CDC Contacted Vehicle letter 4 #1	23	W - Wide impact area	more
V555 — Primary CDC Contacted Vehicle Extent #1	04	Extent 4	more
V556 — Primary CDC Contacted Vehicle -CDC #1	02RYA W4	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	2	Event 1	more
V565 — Secondary CDC Case Vehicle - Impact Speed	999	Unknown	more
V566 — Secondary CDC Case Vehicle - Estimated By	1	—	—
V567 — Secondary CDC Case Vehicle -crush	023	—	—
V568 — Secondary CDC Case Vehicle -clock #1	10	10 o'clock	more
V569 — Secondary CDC Case Vehicle letter 1 #1	12	L - Left Side	more
V570 — Secondary CDC Case Vehicle letter 2 #1	16	P - Side Center Section (Left or Right)	more
V571 — Secondary CDC Case Vehicle letter 3 #1	01	A - All	more
V572 — Secondary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	more
V573 — Secondary CDC Case Vehicle Extent #1	03	Extent 3	more
V574 — Secondary CDC Case Vehicle -CDC #1	10LPAW 3	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more

V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	more
V583 — Secondary CDC Contacted Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	more
V584 — Secondary CDC Contacted Vehicle -crush	998	Not Applicable	more
V585 — Secondary CDC Contacted Vehicle -clock #1	98	Not Applicable	more
V586 — Secondary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V587 — Secondary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V588 — Secondary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	more
V589 — Secondary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V590 — Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V591 — Secondary CDC Contacted Vehicle -CDC #1	9800000	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V598 — Secondary CDC Contacted Vehicle -CDC #2	9800000	—	—

Crash Severity

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	023 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-021 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0008 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0049 kJ	—	—
V606 — Primary Impact Case Vehicle - reconstruction	22	Reconstructed, moderate confidence level	more
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	036 kph	—	—
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	-012 kph	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	-034 kph	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	0106 kJ	—	—
V612 — Case Vehicle Secondary Impact Number	2	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	008 kph	—	—
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	-005 kph	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V	0006 kph	—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	0006 kJ	—	—
V617 — Secondary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more
V618 — Secondary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V619 — Secondary Contacted Vehicle	888	N/A	more

Reconstructed Total Delta-V			
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	8888	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	8888	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	019 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-018 kph	—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0006 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0049 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V630 — Primary Contacted Vehicle Reconstruction Total EBS	040 kph	—	—
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	-014 kph	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	-038 kph	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	0106 kJ	—	—
V634 — Case Vehicle Secondary Impact Number	2	—	—
V635 — Secondary Case Vehicle Reconstruction Total EBS	008 kph	—	—
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	-005 kph	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	0006 kph	—	—
V638 — Secondary Case Vehicle Reconstruction Crush Energy	0006 kJ	—	—
V639 — Secondary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more

V640 — Secondary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	888	N/A	more
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	8888	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	more
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	168 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	028 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	168 cm	—	—
V650 — Case Vehicle Impact 1 C1	008 cm	—	—
V651 — Case Vehicle Impact 1 C2	007 cm	—	—
V652 — Case Vehicle Impact 1 C3	018 cm	—	—
V653 — Case Vehicle Impact 1 C4	028 cm	—	—
V654 — Case Vehicle Impact 1 C5	013 cm	—	—
V655 — Case Vehicle Impact 1 C6	014 cm	—	—
V656 — Case Vehicle Impact 1 +/- D	0000 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	2	—	—
V658 — Case Vehicle Impact 2 Plane	4	Above sill	more
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	088 cm	—	—
V660 — Case Vehicle Impact 2 Max Crush	023 cm	—	—
V661 — Case Vehicle Impact 2 Field-L	140 cm	—	—
V662 — Case Vehicle Impact 2 C1	000 cm	No Crush	more
V663 — Case Vehicle Impact 2 C2	013 cm	—	—
V664 — Case Vehicle Impact 2 C3	023 cm	—	—

V665 — Case Vehicle Impact 2 C4	011 cm	—	—
V666 — Case Vehicle Impact 2 C5	003 cm	—	—
V667 — Case Vehicle Impact 2 C6	000 cm	No Crush	more
V668 — Case Vehicle Impact 2 +/- D	0102 cm	—	—
V669 — Other Vehicle Reconstructed Impact Number	1	—	—
V670 — Other Vehicle Impact 1 Plane	5	Other	more
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	200 cm	—	—
V672 — Other Vehicle Impact 1 Max Crush	053 cm	—	—
V673 — Other Vehicle Impact 1 Field-L	225 cm	—	—
V674 — Other Vehicle Impact 1 C1	000 cm	No Crush	more
V675 — Other Vehicle Impact 1 C2	023 cm	—	—
V676 — Other Vehicle Impact 1 C3	053 cm	—	—
V677 — Other Vehicle Impact 1 C4	043 cm	—	—
V678 — Other Vehicle Impact 1 C5	025 cm	—	—
V679 — Other Vehicle Impact 1 C6	009 cm	—	—
V680 — Other Vehicle Impact 1 +/- D	0060 cm	—	—
V681 — Other Vehicle Reconstructed Impact Number	2	—	—
V682 — Other Vehicle Impact 2 Plane	8	Not applicable	more
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	998	Not applicable	more
V684 — Other Vehicle Impact 2 Max Crush	998	Not applicable	more
V685 — Other Vehicle Impact 2 Field-L	998	Not applicable	more
V686 — Other Vehicle Impact 2 C1	998	Not applicable	more
V687 — Other Vehicle Impact 2 C2	998	Not applicable	more
V688 — Other Vehicle Impact 2 C3	998	Not applicable	more
V689 — Other Vehicle Impact 2 C4	998	Not applicable	more
V690 — Other Vehicle Impact 2 C5	998	Not applicable	more
V691 — Other Vehicle Impact 2 C6	998	Not applicable	more
V692 — Other Vehicle Impact 2 +/- D	9998	—	—

Case Vehicle

Tires & Rims

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	0	No	more
V702 — Right Front Wheel Damaged	0	No	more
V703 — Right Rear Wheel Damaged	0	No	more
V704 — Left Rear Wheel Damaged	0	No	more
V705 — Left Front Tire Tread Type	4	All Weather	more
V706 — Right Front Tire Tread Type	4	All Weather	more
V707 — Right Rear Tire Tread Type	4	All Weather	more
V708 — Left Rear Tire Tread Type	4	All Weather	more
V709 — Left Front Carcass Construction	3	Radial	more
V710 — Right Front Carcass Construction	3	Radial	more
V711 — Right Rear Carcass Construction	3	Radial	more
V712 — Left Rear Carcass Construction	3	Radial	more
V717 — Left Front Tire Size	P26575R16	—	—
V718 — Right Front Tire Size	P26575R16	—	—
V719 — Right Rear Tire Size	P26575R16	—	—
V720 — Left Rear Tire Size	P26575R16	—	—

Case Vehicle

Fuel, Tank, Fire

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	more
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	more
V803 — Main Filler Cap Location	313	Left of frame laterally - above vertically	more
V804 — Main Tank Material	3	Plastic	more
V805 — Aux Tank Type	8	Not applicable (not equipped)	more
V806 — Aux Tank Location	888	Not applicable (not equipped)	more
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	more
V808 — Aux Tank Material	8	Not applicable	more
V901 — Fuel Leakage From Crash	0	No	more
V1001 — Fire In Or On Case Vehicle	0	No	more

Case Vehicle

Exterior

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	0	No	more
V1102 — Hood Latch Damaged	1	Yes	more
V1103 — Hood Latch Jammed	1	Yes	more
V1104 — Left Hood Hinge Damaged	1	Yes	more
V1105 — Left Hood Hinge Separated	0	No	more
V1106 — Right Hood Hinge Damaged	1	Yes	more
V1107 — Right Hood Hinge Separated	0	No	more
V1108 — Hood Remained On Vehicle	1	Yes	more
V1109 — Rear Hood Edge Elevated	1	Yes	more
V1110 — Edge Contacted Windshield	0	No	more
V1111 — Edge Penetrated Windshield	8	Not applicable	more
V1112 — Hood Latch Location	1	Front of Vehicle	more
V1113 — Eng/Transmissn Mount Separation	0	No	more
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	more
V1115 — Steerng Column Coupling Damaged	9	Unknown	more
V1116 — Steerng Column Coupling Separated	9	Unknown	more
V1117 — Eng Comp Telescopng Unit	88	Not collected	more
V1118 — Comp Orig/Telescopd Diff	888	Not collected	more
V1119 — Left Side Body Mount Separation	0	No	more
V1120 — Upper Left A-pillar Separation	4	No separation, but damaged	more
V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	more
V1122 — Upper Left B-pillar Separation	0	No	more
V1123 — Lower Left B-pillar Separation	4	No separation, but damaged	more

V1124 — Upper Left C-pillar Separation	0	No	more
V1125 — Lower Left C-pillar Separation	8	Not applicable (not equipped)	more
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	more
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	more
V1128 — Left Front Door Opening Cause	0	Door did not open	more
V1129 — Left Rear Door Opening Cause	8	Not applicable (no left rear door)	more
V1130 — Left Front Door Jammed Closed	1	Yes	more
V1131 — Left Rear Door Jammed Closed	8	Not applicable (no left rear door)	more
V1132 — Rear Door Type	0	No door (includes pickups)	more
V1133 — Rear Door Opening Cause	8	Not applicable (no rear door)	more
V1134 — Rear Door Jammed Closed	8	Not applicable (no rear door)	more
V1135 — Luggage Partition Damagd	8	Not applicable	more
V1136 — Spare Tire Status	8	Not collected	more
V1137 — Trailer Hitch Type	3	Bumper and frame (but non-equalizing)	more
V1138 — Trailer Type	0	No trailer	more
V1139 — Right Side Body Mount Separation	0	No	more
V1140 — Upper Right A-pillar Separation	0	No	more
V1141 — Lower Right A-pillar Separation	0	No	more
V1142 — Upper Right B-pillar Separation	8	Not applicable (not equipped)	more
V1143 — Lower Right B-pillar Separation	8	Not applicable (not equipped)	more
V1144 — Upper Right C-pillar Separation	0	No	more
V1145 — Lower Right C-pillar Separation	0	No	more
V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	more
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	more

V1148 — Right Front Door Opening Cause	00	Door did not open	more
V1149 — Right Rear Door Opening Cause	00	Door did not open	more
V1150 — Right Front Door Jammed Closed	0	No	more
V1151 — Right Rear Door Jammed Closed	0	No	more
V1152 — Van Rear Door Type	8	Not applicable (not a van)	more
V1153 — Windshield Cracked		Yes	more
V1154 — Windshield Broken	0	No	more
V1155 — Windshield Cracked or Broken by Occupant	0	No	more
V1156 — Bond Separation Extent	0	None	more
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	more

Case Vehicle

Steering

Column/Rim

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	0	None	more
V1202 — Number of Steering Wheel Spokes	4	4 spokes	more
V1203 — Steering Wheel Spoke Damage	0	None	more
V1204 — Column Tilt Feature	3	Middle	more
V1205 — Column Swing-away Feature	0	Not equipped	more
V1206 — Column Telescoping Feature	0	Not equipped	more
V1207 — Wheel Energy Absorb Device	8	Not collected	more
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	more
V1209 — Column Energy Absorb Device	88	Not collected	more
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	more
V1211 — Shear Capsule Separation	888	Not collected	more
V1212 — Column Vertical Rotation	0	No apparent rotation	more
V1213 — Column Lateral Rotation	0	No apparent rotation	more
V1214 — Steering Wheel Hub Damage	0	None	more

Case Vehicle

Intrusion

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	1	Yes	more
V1302 — Was Intrusion Catastrophic	0	No	more
V1303 — Intrusion Number 01	01	Intrusion #1	more
V1304 — Intrusion 01 Occupant Space Number	11	First row, Left seat	more
V1305 — Intrusion 01 Intruding Object	09	Door panel or side panel	more
V1306 — Intrusion 01 Assoc Event Number	2	Event #2	more
V1307 — Intrusion 01 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1308 — Intrusion 01 Max Intrusion Y-axis	11 cm	—	—
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1310 — Intrusion 01 Occupant Number	00	No contact or no intrusion	more
V1311 — Intrusion 01 Injury Number	00	No injury or no intrusion	more
V1312 — Intrusion 01 Occupant Number	00	No contact or no intrusion	more
V1313 — Intrusion 01 Injury Number	00	No injury or no intrusion	more
V1314 — Intrusion Number 02	00	No Intrusion, None	more
V1315 — Intrusion 02 Occupant Space Number	00	No Intrusion, None	more
V1316 — Intrusion 02 Intruding Object	00	No Intrusion, None	more
V1317 — Intrusion 02 Assoc Event Number	0	No Intrusion, None	more
V1318 — Intrusion 02 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1324 — Intrusion 02 Injury Number	99	Contact, injury unknown or data not collected	more

V1325 — Intrusion Number 03	00	No Intrusion, None	more
V1326 — Intrusion 03 Occupant Space Number	00	No Intrusion, None	more
V1327 — Intrusion 03 Intruding Object	00	No Intrusion, None	more
V1328 — Intrusion 03 Assoc Event Number	0	No Intrusion, None	more
V1329 — Intrusion 03 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1331 — Intrusion 03 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1334 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1335 — Intrusion 03 Injury Number	99	Contact, injury unknown or data not collected	more
V1336 — Intrusion Number 04	00	No Intrusion, None	more
V1337 — Intrusion 04 Occupant Space Number	00	No Intrusion, None	more
V1338 — Intrusion 04 Intruding Object	00	No Intrusion, None	more
V1339 — Intrusion 04 Assoc Event Number	0	No Intrusion, None	more
V1340 — Intrusion 04 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1343 — Intrusion 04 Occupant Number	00	No contact or no intrusion	more
V1344 — Intrusion 04 Injury Number	00	No injury or no intrusion	more
V1345 — Intrusion 04 Occupant Number	00	No contact or no intrusion	more
V1346 — Intrusion 04 Injury Number	99	Contact, injury unknown or data not collected	more
V1347 — Intrusion Number 05	00	No Intrusion, None	more
V1348 — Intrusion 05 Occupant Space Number	00	No Intrusion, None	more
V1349 — Intrusion 05 Intruding Object	00	No Intrusion, None	more
V1350 — Intrusion 05 Assoc Event Number	0	No Intrusion, None	more
V1351 — Intrusion 05 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more

V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1357 — Intrusion 05 Injury Number	99	Contact, injury unknown or data not collected	more
V1358 — Intrusion Number 06	00	No Intrusion, None	more
V1359 — Intrusion 06 Occupant Space Number	00	No Intrusion, None	more
V1360 — Intrusion 06 Intruding Object	00	No Intrusion, None	more
V1361 — Intrusion 06 Assoc Event Number	0	No Intrusion, None	more
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	more
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1368 — Intrusion 06 Injury Number	99	Contact, injury unknown or data not collected	more
V1369 — Intrusion Number 07	00	No Intrusion, None	more
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	more
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	more
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	more
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	more
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more
V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	more
V1380 — Intrusion Number 08	00	No Intrusion, None	more
V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	more

V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	more
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	more
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	more
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	more
V1391 — Intrusion Number 09	00	No Intrusion, None	more
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	more
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	more
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	more
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1399 — Intrusion 09 Injury Number	00	No injury or no intrusion	more
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	more
V1402 — Intrusion Number 10	00	No Intrusion, None	more
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	more
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	more
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	more
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	more

V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	more
V1413 — Door Intrusion Number 01	01	—	—
V1414 — Door Intrusion Number 01 Cause	1	Direct impact	more
V1415 — Door Intrusion Number 02	88	Not Applicable	more
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	more
V1417 — Door Intrusion Number 03	88	Not Applicable	more
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	more
V1419 — Door Intrusion 01 Component	88	Not Applicable	more
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	more
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	more
V1422 — Door Intrusion 02 Component	88	Not Applicable	more
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	more
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	more
V1425 — Door Intrusion 03 Component	88	Not Applicable	more
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	more
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	more
V1428 — Door Intrusion 04 Component	88	Not Applicable	more
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	more
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	more

Case Vehicle

Airbag(s)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	more
V1502 — Driver Airbag Deployed	1	Yes	more
V1503 — Driver Airbag Condition	0	No Damage	more
V1504 — Passenger Airbag Equip	1	Yes	more
V1505 — Passenger Airbag Deployed	1	Yes	more
V1506 — Passenger Airbag Condition	0	No Damage	more
V1507 — Steering Wheel Airbag Tether	1	Yes	more
V1508 — Driver Airbag Marked By Contact	1	Yes	more
V1509 — Passenger Airbag Tether	0	No	more
V1510 — Passenger Airbag Marked By Contact	0	No	more

Case Vehicle

Interior

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	1	Yes	more
V1602 — Right Front Door Damaged	0	No	more
V1603 — Left Front Hardware Damaged	1	Yes	more
V1604 — Right Front Hardware Damaged	0	No	more
V1605 — Left Front Armrest Damaged	1	Yes	more
V1606 — Right Front Armrest Damaged	0	No	more
V1607 — Left Front Glass Damaged	1	Yes	more
V1608 — Right Front Glass Damaged	0	No	more
V1609 — Left Rear Door Area Damaged	0	No	more
V1610 — Right Rear Door Area Damaged	0	No	more
V1611 — Left Rear Hardware Damaged	0	No	more
V1612 — Right Rear Hardware Damaged	0	No	more
V1613 — Left Rear Armrest Damaged	0	No	more
V1614 — Right Rear Armrest Damaged	0	No	more
V1615 — Left Rear Glass Damaged	0	No	more
V1616 — Right Rear Glass Damaged	0	No	more
V1617 — Left Roof Side Rail Damaged	0	No	more
V1618 — Right Roof Side Rail Damaged	0	No	more
V1619 — Left B-pillar Damaged	0	No	more
V1620 — Right B-pillar Damaged	8	Not applicable	more
V1621 — Left C-pillar Damaged	0	No	more
V1622 — Right C-pillar Damaged	0	No	more
V1623 — Left D-pillar Damaged	8	Not applicable	more
V1624 — Right D-pillar Damaged	8	Not applicable	more
V1625 — Left Headlining Damaged	0	No	more

V1626 — Right Headlining Damaged	0	No	more
V1627 — Left Roof Structure Damaged	0	No	more
V1628 — Right Roof Structure Damaged	0	No	more
V1629 — Left T/Sun Roof Damaged	8	Not applicable	more
V1630 — Right T/Sun Roof Damaged	8	Not applicable	more
V1631 — Other Left Side Item Damagd	8	Not applicable	more
V1632 — Other Right Side Item Damagd	8	Not applicable	more
V1633 — Foot Controls Damaged	0	No	more
V1634 — Ignition Key Damaged	0	No	more
V1635 — Rear View Mirror Damaged	1	Yes	more
V1636 — Sunvisor/Fitting Damaged	0	No	more
V1637 — Windshield Molding Damaged	0	No	more
V1638 — Left A-pillar Damaged	0	No	more
V1639 — Right A-pillar Damaged	0	No	more
V1640 — Center Console Damaged	0	No	more
V1641 — Transmission Lever Damaged	0	No	more
V1642 — Horn/Spoke Shroud Damagd	0	No	more
V1643 — Upper Panel Damaged	4	Yes, occupant contact	more
V1644 — Mid Panel Damaged	4	Yes, occupant contact	more
V1645 — Lower Panel Damaged	4	Yes, occupant contact	more
V1646 — Ashtray Damaged	0	No	more
V1647 — Control Knob/Lever Damaged	0	No	more
V1648 — Glove Compartment Area Damaged	0	No	more
V1649 — Instruments Damaged	0	No	more
V1650 — Park Brake Release Damaged	3	No, occupant contact	more
V1651 — Park Brake Pedal Damaged	0	No	more
V1652 — A/C Or Upper Vent Damaged	0	No	more
V1653 — Heater Or A/C Duct Damaged	0	No	more
V1654 — Radio Damaged	0	No	more

V1655 — Other Item Damaged	8	Not applicable	more
V1656 — Rear Window Damaged	0	No	more
V1657 — Rear Window Header Damaged	0	No	more
V1658 — Vertical Console Damaged	8	Not applicable	more
V1659 — Roof Console Damaged	0	No	more

Case Vehicle

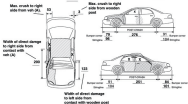
Seats

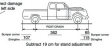
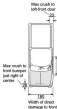
Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	more
V1702 — Passenger Front Seat Type	05	Bucket	more
V1703 — Driver Seat Mount Type	1	Standard	more
V1704 — Passenger Seat Mount Type	1	Standard	more
V1705 — Driver Swivel Mechanism Equipped	0	No	more
V1706 — Passenger Swivel Mechanism Equipped	0	No	more
V1707 — Driver Seat Original Equipment	1	Yes	more
V1708 — Passenger Seat Original Equipment	1	Yes	more
V1709 — Driver Seat/Rear Occupant Contact	1	Yes	more
V1710 — Passenger Seat/Rear Occupant Contact	1	Yes	more
V1711 — Driver Seat Damage	0	None	more
V1712 — Passenger Seat Damage	0	None	more
V1713 — Center Front Armrest Damaged	0	No	more
V1714 — Driver Seat Rotation	0	None apparent	more
V1715 — Passenger Seat Rotation	0	None apparent	more
V1716 — Driver Seat-back Type	3	Reclining	more
V1717 — Passenger Seat-back Type	3	Reclining	more
V1718 — Driver Seat-back Lock Type	1	Manual	more
V1719 — Passenger Seat-back Lock Type	1	Manual	more
V1720 — Driver Seat-back Lock Held	1	Yes	more
V1721 — Passenger Seat-back Lock Held	1	Yes	more
V1722 — Driver Recliner Mechanism Held	1	Yes	more
V1723 — Passenger Recliner Mechanism Held	1	Yes	more
V1724 — Driver Head Restraint Type	1	Adjustable	more
V1725 — Passenger Head Restraint Type	1	Adjustable	more

V1726 — Driver Head Rest Removed	0	No	more
V1727 — Passenger Head Rest Removed	0	No	more
V1728 — Driver Head Rest Adjustment	2	Down	more
V1729 — Passenger Head Rest Adjustment	2	Down	more
V1730 — Driver Head Rest Damage	0	None	more
V1731 — Passenger Head Rest Damage	0	None	more
V1732 — Driver Seat Adjustment Type	1	Manual	more
V1733 — Passenger Seat Adjustment Type	1	Manual	more
V1734 — Driver Seat Adjustment Provided	1	2-way	more
V1735 — Passenger Seat Adjustment Provided	1	2-way	more
V1736 — Driver Seat Adjuster Damage	2	Deformed (released/jammed)	more
V1737 — Passenger Seat Adjuster Damage	0	None	more
V1738 — Driver Seat Adjuster Separation	0	None	more
V1739 — Passenger Seat Adjuster Separation	8	Not applicable	more
V1740 — Driver Seat Pre-crash Position	1	Forward	more
V1741 — Passenger Seat Pre-crash Position	1	Forward	more
V1742 — Left Rear Seat Type	2	Folding	more
V1743 — Right Rear Seat Type	2	Folding	more
V1744 — Left Rear Seat Damaged	0	None	more
V1745 — Right Rear Seat Damaged	0	None	more
V1746 — Center Rear Armrest Damaged	8	Not applicable (No Center Armrest)	more
V1747 — Left Rear Seat-back Left Lock Equipped	1	Yes	more
V1748 — Right Rear Seat-back Left Lock Equipped	0	No	more
V1749 — Left Rear Seat-back Left Lock Held	3	Seat folded down	more
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	more
V1751 — Left Rear Seat-back Right Lock Equipped	0	No	more
V1752 — Right Rear Seat-back Right Lock Equipped	1	Yes	more

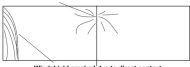
V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	more
V1754 — Right Rear Seat-back Right Lock Held	3	Seat folded down	more
V1755 — Left 3rd Seat Equipped	0	No	more
V1756 — Right 3rd Seat Equipped	0	No	more
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	more
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	more
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	more
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	more
V1761 — Rear Head Restraints	1	Equipped	more

Abstract



[illegible]

**Windshield cracked due to loading of rearview mirror
by deploying passenger airbag**



**Windshield cracked due to direct contact
to left upper A-pillar/roof siderail**

1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

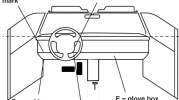
Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)			Dominant Crush Direction
		Comparison Value	– Intruded Value	= Intrusion	
11	Door		–	= 11	Y
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	knee bolster	Dr	Lt. knee	scuff mark	1
B	steering column	Dr	Rt. knee	scuff mark	1
C	parking brake release	Dr	Lt. leg	scuff mark	1
D	knee bolster	DR	Rt. knee	scuff mark	1
E	glove box	RF	Lt. leg	scuff mark	1
F					
G					
H					
I					
J					
K					

**A = knee bolster,
scuff mark**

**B = Steering column,
scuff mark**



**C = parking
brake release,
scuff mark**

**D = knee bolster,
scuff mark**

**E = glove box
door, scuff mark**



Circle (7) 10
 If you fill in: 10
 at 1 and 10 of circle

Circle (7) 10
 If you fill in: 10



Passenger Airbag



Answer: ☒ Yes ☐ No
 If yes, how many? 2
 at 2 and 9 o'clock

Answer: ☐ Yes ☒ No
 If yes, how many? _____

Passenger Airbag Door

Single Door



Case # 302: Occupant # 1; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	98	Impact force, "whiplash", hyperextension/ compression	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	14	Neck	more
V2105 — Primary OIC -aspect	16	Posterior/back	more
V2106 — Primary OIC -lesion	20	Strain	more
V2107 — Primary OIC -system/Organ	13	Muscles	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	NPTM1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 302: Occupant # 1; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	more
V2102 — 1st Prob Contact Area	98	Impact force, "whiplash", hyperextension/ compression	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	02	Back	more
V2105 — Primary OIC -aspect	09	Inferior/lower	more
V2106 — Primary OIC -lesion	20	Strain	more
V2107 — Primary OIC -system/Organ	13	Muscles	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	BITM1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 302: Occupant # 1; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	more
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	13	Abdomen	more
V2105 — Primary OIC -aspect	03	Central	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	MCCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 302: Occupant # 1; Injury # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	04	Injury #4	more
V2102 — 1st Prob Contact Area	28	Foot controls (including parking brake pedal)	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	12	Leg (lower)	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	12	Laceration	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	LLLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 302: Occupant # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	01	Occupant #1	more
V2002 — Occupant Role At 1st Impact	1	Motor vehicle driver	more
V2003 — Occupant Position -row	1	1st row	more
V2004 — Occupant Position -lateral	1	Left	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	48	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	070 kg	—	—
V2009 — Occupant Height	152 cm	—	—
V2010 — Occupant Sex	2	Female	more
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	more
V2012 — Injury Severity Score	03	ISS 3	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	1	C - Possible injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	0	None (available but not used)	more
V2017 — Passive Restraint System	1	Air bag installed	more
V2018 — Passive Restraint Usage	2	Air bag deployed	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more
V2022 — Highest OIC Severity	1	Minor	more

V2023 — Head Restraint Available	1	Equipped	more
V2024 — Occupant Eyewear	1	Glasses	more
V2025 — Source of Occupant Info	7	Combination of above	more

Case # 302: Occupant # 2; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	02	Glove compartment area	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	11	Knee	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	19	Sprain	more
V2107 — Primary OIC -system/Organ	10	Joints	more
V2108 — Primary OIC -severity	2	Moderate	more
V2109 — Primary OIC	KLSJ2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 302: Occupant # 2; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	more
V2102 — 1st Prob Contact Area	02	Glove compartment area	more
V2103 — 2nd Prob Contact Area	04	Heater or air conditioning ducts	more
V2104 — Primary OIC -body Region	12	Leg (lower)	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	LLCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 302: Occupant # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	02	Occupant #2	more
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	more
V2003 — Occupant Position -row	1	1st row	more
V2004 — Occupant Position -lateral	5	Right	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	41	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	084 kg	—	—
V2009 — Occupant Height	163 cm	—	—
V2010 — Occupant Sex	1	Male	more
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	more
V2012 — Injury Severity Score	05	ISS 5	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	1	C - Possible injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	0	None (available but not used)	more
V2017 — Passive Restraint System	1	Air bag installed	more
V2018 — Passive Restraint Usage	2	Air bag deployed	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more
V2022 — Highest OIC Severity	2	Moderate	more

V2023 — Head Restraint Available	1	Equipped	more
V2024 — Occupant Eyewear	0	None	more
V2025 — Source of Occupant Info	7	Combination of above	more

Case # 302: Occupant # 3; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	29	Front seat-back(s)	more
V2103 — 2nd Prob Contact Area	32	Other occupant(s)	more
V2104 — Primary OIC -body Region	23	Wrist/hand	more
V2105 — Primary OIC -aspect	18	Right	more
V2106 — Primary OIC -lesion	19	Sprain	more
V2107 — Primary OIC -system/Organ	10	Joints	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	WRSJ1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 302: Occupant # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	03	Occupant #3	more
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	more
V2003 — Occupant Position -row	2	2nd row	more
V2004 — Occupant Position -lateral	1	Left	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	15	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	082 kg	—	—
V2009 — Occupant Height	163 cm	—	—
V2010 — Occupant Sex	2	Female	more
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	more
V2012 — Injury Severity Score	01	ISS 1	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	1	C - Possible injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	0	None (available but not used)	more
V2017 — Passive Restraint System	0	None	more
V2018 — Passive Restraint Usage	8	Not applicable (not originally equipped)	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more

V2022 — Highest OIC Severity	1	Minor	more
V2023 — Head Restraint Available	1	Equipped	more
V2024 — Occupant Eyewear	2	Contacts	more
V2025 — Source of Occupant Info	7	Combination of above	more

Case # 302: Occupant # 4; Injury # 0

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	00	Dummy Injury Record For Uninjured Occupants	more
V2102 — 1st Prob Contact Area	00	No Contact/not applicable	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	99	No injury	more
V2105 — Primary OIC -aspect	99	No injury	more
V2106 — Primary OIC -lesion	99	No injury	more
V2107 — Primary OIC -system/Organ	99	No injury	more
V2108 — Primary OIC -severity	0	None	more
V2109 — Primary OIC	—	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	0	None	more
V2115 — Assoc OIC 1	—	—	—

Case # 302: Occupant # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	04	Occupant #4	more
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	more
V2003 — Occupant Position -row	2	2nd row	more
V2004 — Occupant Position -lateral	5	Right	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	14	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	109 kg	—	—
V2009 — Occupant Height	173 cm	—	—
V2010 — Occupant Sex	1	Male	more
V2011 — Occupant Treatment/Mortality	00	None	more
V2012 — Injury Severity Score	00	Not Injured	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	1	C - Possible injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	0	None (available but not used)	more
V2017 — Passive Restraint System	0	None	more
V2018 — Passive Restraint Usage	8	Not applicable (not originally equipped)	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more

V2022 — Highest OIC Severity	0	None	more
V2023 — Head Restraint Available	1	Equipped	more
V2024 — Occupant Eyewear	1	Glasses	more
V2025 — Source of Occupant Info	0	Interview	more









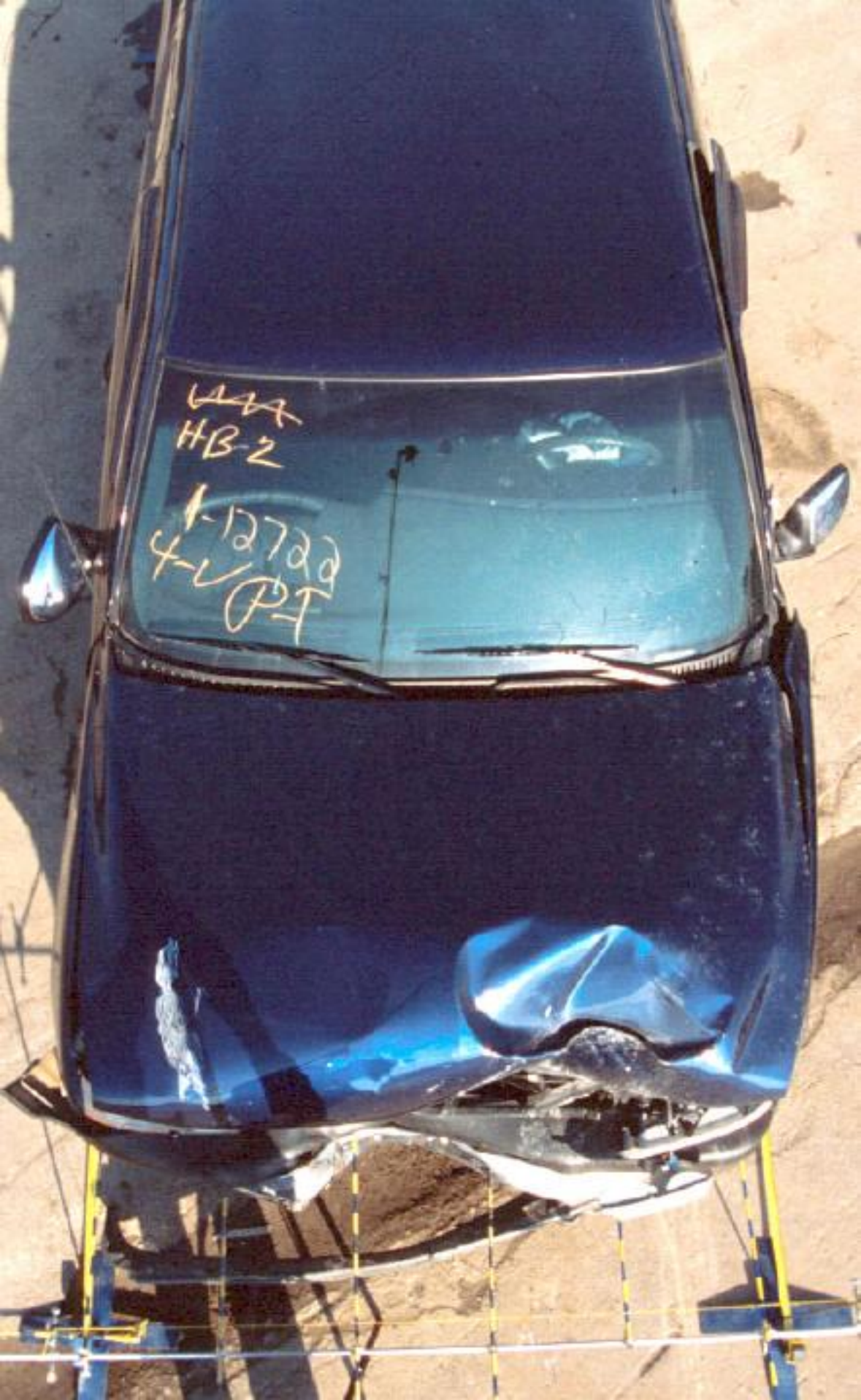












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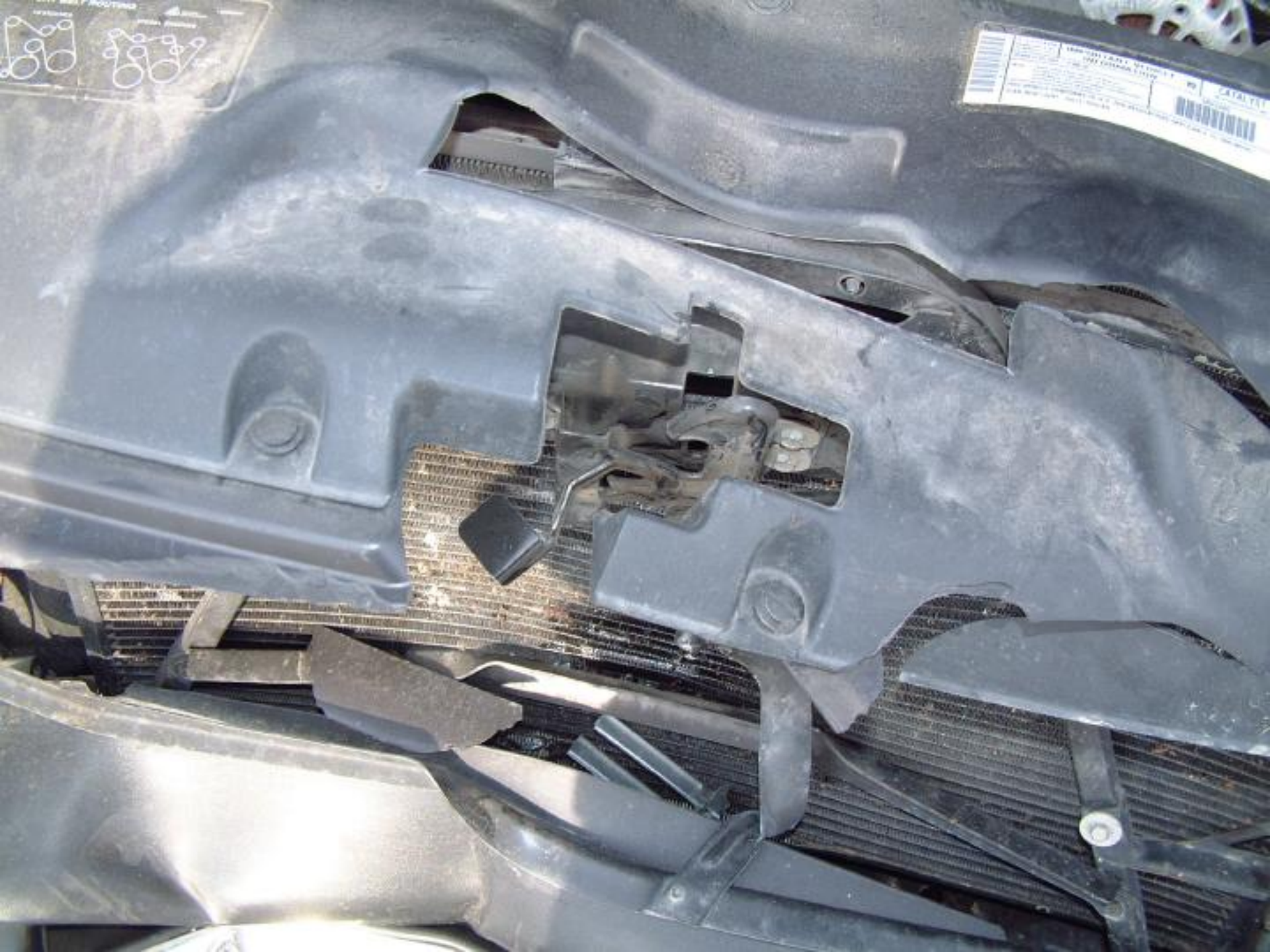


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Technical diagram or manual page showing a circular component with internal details and text.

Blue circular object with white text, possibly a cap or a small container.

White paper with red and black text, possibly a warning label or instruction sheet.















